

Impress™ for EPM

MATERIAL MANAGEMENT MODULE

The Material Management module automatically synchronizes material-related data between SAP and Microsoft Project or Primavera allowing project managers to incorporate critical material availability into the planning and scheduling process.

Many organizations use SAP for tracking of material orders, status, and cost, while relying on Microsoft Project or Primavera for the assignment and scheduling of project tasks and resources. By synchronizing material-related data between SAP and project management systems, the Material Management module ensures optimal planning and handling of materials as an integral part of the project management process.

PRE-BUILT READY-TO-RUN PROCESSES

Transfer material information for reference during planning and execution

- Reference critical material requirements from the project system
- Assign materials and identify vendors that require advanced notice

Establish project constraints based on material availability

- Automatically analyzes critical material requirements in SAP and determines "cannot start before" constraint for project tasks based on latest delivery date
- Easily determine the impact that critical materials will have on the schedule

Transfer detailed material requirements for in-depth planning analysis

- Automatically creates tasks for critical material requirements
- Creates finish-to-start relationship between material and operational tasks
- Enables in-depth planning, such as "what-if" analysis, with critical material availability

Monitor the status of material purchase orders from the project system

- Automatically updates the material-based tasks in the project system based on the status of the order in SAP
- The task's planned duration is set when the purchase requisition is created
- The task's actual start date is set when the purchase order is released
- The task's status is set to complete and the actual finish date is set when delivery is confirmed
- The tracking number is transferred to the planning system to aid material tracking

Supported Systems

- SAP EAM (PM) and EPM (PS) modules 4.6c or higher, 4.7
- my SAP ERP 2004 (ECC 5.0)
- SAP ERP 6.0 (ECC 6.0)
- Microsoft Office Project Server 2003, 2007
- Primavera 3.0 or higher
- Primavera 4.1, 5.0, 6.0 and 6.1

A comprehensive set of data elements is ready for synchronization

- The fields to transfer are easily selected using a graphical user interface.

SAP PM and PS

Component	Purchase Request
Vendor Info	Delivery-related information (represented as tasks)
Purchase Order	

Primavera

Resources	Delivery-related information (represented as tasks)
Constraints	

MS Project

Materials	Delivery-related information (represented as tasks)
Constraints	

The material to transfer is configurable using selection parameters

- Parameters support wildcards and multiple value sets.

Selection parameters include:

System	Preconfigured Parameters
SAP PS	Project Definition, Network, Root WBS, Material Category, Material Duration Filter
SAP PM	Material Category, Material Duration Filter, Order ID, Revision Code, Network, Date range, Project status (e.g. in progress, historical, open, completed), Resource Field Name
Primavera	EPS ID, EPS Name, Baseline ID, Project ID, Project Name
MS Project	Project Name, Project Start Date

SYSTEM REQUIREMENTS

- Windows 2000 (Professional / Server), Windows 2003 Server, Windows XP Professional, Windows Vista
- Oracle (9.2, 10.2), MS SQL Server 2000 (SP 3a or 4), MS SQL Server 2005 (SP 1), MaxDB (7.5)

About trinovis

trinovis - home of Impress is a leading provider of packaged integration applications that enable quick and cost-effective integration of project management and geographical information systems with ERP systems, resulting in streamlined business processes. Impress solutions allow integration to be completed at a fraction of the time and cost compared to custom integration solutions. Impress is trusted by several Global 2000 companies.

FOR MORE INFORMATION

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